BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Providing childrens playing equipments at Amba Bhavani park in ward no 03, Attur.

			Estimate Cost Rs.						1000000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Children Play Equipments								
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**	Cum							
			1	15.00	6.00	0.10	9.00		
							9.00	231.29	**2082.00**
	Basic Rate	130.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.30 TX 10.00Km X 2.0/km= 26.0	26.00							
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	62.20							
		218.20							
	Area Weightage @ 6%	13.09							
	Total	**231.29**							
2	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete,,complete **Page No. 27 / Item No. 5.30 PWD SR 2018-19**	No							
			2	15.00			66.67		
				0.45					
			2	6.00			26.67		
				0.45					
							93	432.48	**40365.00**
	Basic Rate	408.00							
	Area Weightage @ 6%	24.48							
	Total	**432.48**							
3	KSRB 2.8 : Providing and **Filling in foundation with granite / trap broken metal** 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS **Page No. 7 / Item No. 2.15 of PWD SR 2018-19**	Cum							
			2	15.00	6.00	0.30	54.00		
							54.00	2574.74	**139036.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	2429.00							
	Area Weightage @ 6%	145.74							
	Total	**2574.74**							
4	KSRB 15-19.1 : Providing and applying ready mix priming coat **over concrete / masonry / asbestos** cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. **Page No. 124 / Item No. Item No. 15.80, PWD SR 2018-19**	Sqm							
	Kerb Stone Painting		2	15.00		0.35	10.50		
			2	6.00		0.35	4.20		
							14.70	39.96	**587.00**
	Basic Rate	37.00							
	Area Weightage @8%	2.96							
	Total	**39.96**							
5	KSRB 15-19.2 : Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.**Page No. 124 / Item No. Item No. 15.81, PWD SR 2018-19**	Sqm							
			Qty Vide Item No. 9				14.70		
							14.70	91.80	**1349.00**
	Basic Rate	85.00							
	Area Weightage @8%	6.80							
	Total	**91.80**							
	Children Play Equipments								
6	**Providing Children play standard Sea Saw Seater Equipment** : This equipment is made up of main beam 50mm MS pipe 'A' class of length 96mtr with two handles welded at the ends as a hand are made of 20mm 'A' class pipe. The main beam is pivoted to the bottom supports of 40mm MS pipes by bush bearing clamped by pivot joints which swivel over 28mm dia steel shaft which gets installed in the ground by meas of concrete 2 Nos. seats are made of 250 mm x 200 mm x 18 SWG MS sheets with T hand rest at the front. Air pipe are if ISI grade. All the pipes are painted with two coats of super set paint over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each							
			1				1		
							1	28000.00	28000.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	.								
7	**Providing Children play Merry-go-Round equipment** : Made of MS 'A' Class pipes. Main pillars in 100 mm dia fitted with shaft and two bearing the other cross members are in 25 & 20 mm MS A Class pipe the bottom ring is made out of 25mm of ring size is 1.20 mts dia fitted with four seats are in mental sats if 250 x 200 x 18 SWG handles are made out of 20mm NB pipes and othe supports are in 25mm MS 'A' Class pipes. All the pipes are painted with two coats of super set paint over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each							
			2				2		
							2	28000.00	56000.00
8	**Providing Children Play 2 - Seater Swing** : This Swing consosts of 2 Nos, seat of solid fibbed FP of size 480 mm x 180 mm x 3.5 mm supported by MS chains. The chains are supported by circular housing with bearing from which the chain in suspended. The main beam is of 50 mm MS 'A' class pipe Size of MS chain 30 mm x 20 mm x 5mm thick The 2 Nos inverted 'V' beams are of 50 mm 'A' class pipes secured at the top the main beam by means of CI castings (Heavy duty for elders) All pipes are of ISI grade all the pipes are painted with two coats of super set paitng over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each							
			1				1		
							1	46000.00	46000.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
9	**Providing Children Play Standard Swing : This Swing consosts of 2 Nos**, seat of solid fibbed FP of size 480 mm x 180 mm x 3.5 mm supported by MS chains. The chains are supported by circular housing with bearing from which the chain in suspended. The main beam is of 50 mm MS 'A' class pipe Size of MS chain 30 mm x 20 mm x 5mm thick The 2 Nos inverted 'V' beams are of 50 mm 'A' class pipes secured at the top the main beam by means of CI castings (Heavy duty for elders) All pipes are of ISI grade all the pipes are painted with two coats of super set paitng over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each							
			2				2		
							2	56000.00	112000.00
10	Duck wheel	Each							
			2				2		
							2	68000.00	136000.00
11	Mini Wheel	Eac							
			2				2		
							2	23000.00	46000.00
12	Duck Swing (2 seater)	Each							
			2				2		
							2	56000.00	112000.00
13	FRP Mini Slide	Each							
			2				2		
							2	23000.00	46000.00
14	Mini Slide	Each							
			1				1		
							1	16000.00	16000.00
15	Jack Frame	Each							
			1				1		
							1	14000.00	14000.00
16	Nest	Each							
			1				1		
							1	24000.00	24000.00
17	Bear	Each							
			1				1		
							1	19000.00	19000.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
18	Spring Duck	Each							
			1				1		
							1	36000.00	36000.00
									874419.00
	Sub Total								104930.28
	GST Charges 12%								20650.72
	Add for unforseen and rounding off	L/S							
								Total	1000000.00
	(Rupees ten lakhs only)								

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2018-19 and Approved Rates.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 03

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Satellite Town Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

Administrative Sanction for Rs. 10.00 Lakhs
Ten Lakhs only
is accorded under head P.1771 - 2018-19
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/AA/151/18-19 Dt. 25.2.19

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00 Lakhs
Rupees Ten Lakhs only
Under P.1771 2018-19
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. ...../91
Dt. ..... Estimate A/ Sanctioned No. EE/TS/75/18-19
Dated 25.2.19 Rs. 10.00 Lakhs

Executive Engineer

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 3- ATTURU

NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09

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